Department of the Navy Policies, Processes, & Guidelines

13 November 2002

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DON CIO - Data Architecture Project Lead

Outline

- XML
- Portals
- Legacy Applications & Portfolio Management

XML

DONXML Work Group - Mission Statement

"Provide the leadership and guidance to maximize the value and effectiveness of emerging XML component technologies implemented across the DON enterprise"

XML
DONXML Work Group – History/Status

- Work Group History/Status DONXML Work Group Established Aug 2001
- Significant Milestones
  - Defined XML Functional Namespace Coordinator (FNC) Roles and Responsibilities (August 2002)
  - Procedures for OASIS Participation (April 2002)
  - OASIS Membership (April 2002)
  - DON XML Vision (March 2002)
  - XML Developer's Guide
    - Initial release 1 Nov 2001
    - XML Developer's Guide Version 1.1 published on 1 May 2002
  - Interim DON XML Policy (6 Sep 2001)

XML
DONXML Work Group – Next Steps

- DON XML Implementation Strategy and Plan
- Updated DON Interim XML Policy (November 2002)
- Document DON Registry/Repository Requirements
- Define DON XML Governance Structure
- Identify DON XML Specification, Frameworks, & Business Standards
- Version 2.0 of the Developer's Guide

XML

DON Participation With Industry Consortiums

- DON supports PL 104-113, OMB A119, and GAO recommendations for Voluntary Consensus Standards (VCS) involvement as key to achieving interoperability
- DON will participate in, and influence, both Technical and Business Standards

XML

DON Participation With Industry Consortiums (cont.)

- First focus is on OASIS
  - Interim procedures promulgated on DONXML WG listserve and via Naval Message 191903Z APR 02
    - DONXML WG identified as Coordinator for all DON participation
    - Requests for participation should be submitted to DONXML WG
    - All activities requested to identify Command POC
    - All specification comments will be coordinated by DONXML WG
    - All specification votes will be submitted by DON CIO
    - DONXML WG developing permanent procedures as part of governance structure
  - DON is currently an active member of 4 OASIS Technical Committees
    - WSRP, WSS, UBL, e-Gov
- Next focus will be W3C

XML
DON XML Developer's Guide

- Version 1.1: Published on 1 May 2002
- Provides general development guidance for the many XML initiatives currently taking place within the DON
- Provides guidance in areas such as the following:
  - Use of XML specifications
  - XML component selection/creation
  - XML Schema design
  - XML component naming conventions
- Version 2.0 under development
  - Release scheduled for February 2003
  - Discussion of contents taking place on Developer's Guide Listserve: http://mail.fedworx.org/devguide.html

XML
Updated Interim XML Policy

- Current active policy signed out by DON CIO 06 Sept 2002
  - Use W3C Recommendations
  - Reuse existing XML components
  - Register XML components with DoD Registry
- Updated Interim DON XML Policy
  - Responsibility of DONXML Work Group
  - More comprehensive direction than first Interim Policy
  - Extensive review within Action Team and Work Group
  - Formal routing for chop completed
  - Signature by DON CIO planned for November 2002

XML

Updated Interim XML Policy (cont.) – Standards and Proprietary Extensions

- XML Technical Specifications and Business Standards
  - Production Applications shall only use W3C specifications holding Recommended status
  - Make use of other XML specifications from National and International standards bodies, e.g., ISO, IEEE, ANSI, OASIS, UN/CEFACT, IETF
  - Where conflicting, W3C takes precedence
- The DON shall actively participate in Voluntary Consensus Standards organizations, e.g., OASIS, W3C
- DON XML production implementations shall not use proprietary extensions to XML specifications

XML

Updated Interim XML Policy (cont.) – Reuse and Order of Precedence

- Reuse existing XML components
  - DON policy to advocate, support, and ensure the development, maintenance, registration, discovery, and reuse of standard XML within functional areas and at the enterprise level
- When selecting XML components, adhere to the following order of precedence
  - Appropriate Business Voluntary Consensus Standards (BVCSs)
  - Federal-level standards
  - DoD standards
  - DON enterprise standards

XML

Updated Interim XML Policy (cont.) – Developer's Guide, Enterprise Standards, & DoD Registration

- All DON XML development shall adhere to DON XML Developer's Guide
- All DON XML business standards will be at the enterprise level
- Adhere to DoD XML registration policy

XML

Updated Interim XML Policy (cont.) – Additional Information

- Policy directs Functional Area Managers (FAM) to designate XML Functional Namespace Coordinators (FNC)
- DONXML WG tasked with taking necessary actions to implement policy
- DON Commands tasked to:
  - Work with FNCs to develop standard enterprise XML components
  - Participate in the DONXML WG and review the WG products
  - Implement the requirements of the policy

Legacy Applications & Portfolio Management

- Functional Area Managers (FAM) designated by Under Secretary of The Navy memo on 14 May 2002
- 23 Functional Areas
  - DON, Navy, & Marine Corp FAMs have been stood-up and are engaged
- FAMs shall:
  - Be responsible and accountable for overseeing reduction of applications and databases
  - Have authority to direct migration, consolidation, or retirement of applications and databases
  - Develop and manage IT applications and database portfolios
  - Ensure technology strategies are aligned with business and administration processes, and warfighting strategies
  - Work closely with DON CIO and IEC Service reps to ensure standardized processes
  - Coordinate actions with OSD Principal Staff Assistants for Joint applications, DFMMP Manager for financial and business systems, Director NMCI, Echelon IIs, Major USMC Commands, and key secretariat stakeholders
- Functional Data Managers (FDM) shall report to FAM

Draft DON Portal Policy

- Vision
  - “single integrated enterprise portal structure throughout DON”
- Principles
  - Accommodate Constituent (Subordinate) Portals
  - Single Sign-on
  - Modular, standards based, technical architecture
  - Authoritative Data Sources and Applications
  - Customizable by user and command
  - Universal Access
- Governance
  - To be determined by the Information Leadership Council
  - Separate Program Office and Resources
- Under Secretary has routed for formal comments by 8 November

Resources and Point of Contact

- DON XML Quickplace
  https://quickplace.hq.navy.mil/navyxml
- DONXML Work Group Listserve
  http://mail.fedworx.org/donxmlwg.html
- Developer's Guide Listserve
  http://mail.fedworx.org/devguide.html
- DON IM/IT Website
  http://www.don-imit.navy.mil

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